#21

RECEIVED
SEP 13 1999
GROUP 2700

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Attorney Docket No.: 0287S-004820US Applicant: PHILIP S. GREEN Filing Date: September 9, 1996	Application No.: 08/709,930 Group: 1941

Reference Designation — **U.S. PATENT DOCUMENTS** — Page 1

Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
____ AA	4,058,001	11/15/1997	Waxman	73	620	
____ AB	4,150,326	04/17/1979	Engleberger et al.	318	563	
____ AC	4,221,997	09/09/1980	Flemming	318	574	
____ AD	4,367,998	01/11/1983	Causer	414	4	
____ AE	4,436,684	03/13/1984	White	364	138	
____ AF	4,456,961	06/26/1984	Price et al.	364	513	
____ AG	4,474,174	10/02/1984	Petruzzi	128	4	
____ AH	4,490,022	12/25/1984	Reynolds	351	211	
____ AI	4,503,854	03/12/1985	Jako	128	303.1	
____ AJ	4,506,393	03/26/1985	Murphy	3	1	
____ AK	4,517,963	05/21/1985	Michel	128	6	
____ AL	4,601,000	07/15/1986	Montabert	364	513	
____ AM	4,638,799	01/27/1987	Moore	128	303 B	
____ AN	4,672,963	06/16/1987	Barken	128	303.1	
____ AO	4,722,056	01/26/1988	Roberts et al.	364	413	
____ AP	4,728,974	03/01/1988	Nio et al.	354	81	
____ AQ	4,764,944	08/16/1988	Finlayson	378	20	
____ AR	4,788,482	11/29/1988	Tachibana et al.	318	616	
____ AS	4,791,588	12/13/1988	Onda et al.	364	513	
____ AT	4,791,934	12/20/1988	Brunnett	128	653	
____ AU	4,806,066	02/21/1989	Rhodes et al.	414	729	
____ AV	4,815,006	03/21/1989	Andersson et al.	364	513	
____ AW	4,826,392	05/02/1989	Hayati	414	730	
____ AX	4,833,383	05/23/1989	Skarr et al.	318	568.16	
____ AY	4,837,703	06/06/1989	Kakazu et al.	364	474.18	
____ AZ	4,853,874	08/01/1989	Iwamoto et al.	364	513	
____ BA	4,854,301	08/08/1989	Nakajima	128	4	
____ BB	4,855,822	08/08/1989	Narendra et al.	358	103	
____ BC	4,860,215	08/22/1989	Seraji	364	513	
____ BD	4,863,133	09/05/1989	Bonnell	248	278	
____ BE	4,921,393	05/01/1990	Andeen et al.	414	729	
____ BF	4,930,494	06/05/1990	Takehana et al.	128	4	
____ BG	4,943,296	07/24/1990	Funakubo et al.	606	166	
____ BH	4,979,949	12/25/1990	Matsen, III et al.	606	53	
____ BI	4,996,975	03/05/1991	Nakamura	128	6	
____ BJ	5,020,001	05/28/1991	Yamamoto et al.	364	513	

all ckd sne

#21

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 0287S-004820US Applicant: PHILIP S. GREEN Filing Date: September 9, 1996		Application No.: 08/709,930 Group: 1941	
BK	5,036,463	07/30/1991	Abela et al.	364	413,13	
BL	5,046,022	09/03/1991	Conway et al.	364	513	
BM	5,050,608	09/24/1991	Watanabe et al.	128	653 R	
BN	5,077,506	12/31/1991	Krause	318	71	
BO	5,078,142	01/07/1992	Siczek et al.	128	653.1	
BP	5,086,401	02/04/1992	Glassman et al.	395	94	
BQ	5,090,401	02/25/1992	Schwieker	128	24 EL	
BR	5,098,426	03/24/1992	Sklar et al.	606	5	
BS	5,097,839	03/24/1992	Allen	128	653.1	
BT	5,100,411	03/31/1992	Koutrouvelis	606	130	
BU	5,125,888	06/30/1992	Howard et al.	600	12	
BV	5,154,717	10/13/1992	Matsen, III et al.	606	53	
BW	5,170,347	12/08/1992	Tuy et al.	364	413, 22	
BX	5,182,641	01/26/1993	Diner et al.	358	103	
BY	5,184,601	02/09/1993	Putman	128	4	
BZ	5,187,574	02/16/1993	Kosemura et al.	358	108	
CA	5,188,111	02/23/1993	Yates et al.	128	657	
CB	5,201,325	04/13/1993	McEwen et al.	428	779	
CC	5,216,596	06/01/1993	Weinstein	364	413.02	
CD	5,221,283	06/22/1993	Chang	606	130	
CE	5,222,499	06/29/1993	Allen et al.	128	653.1	
CF	5,228,429	06/20/1993	Hatano	128	4	
CG	5,230,338	07/27/1993	Allen et al.	128	653	
CH	5,236,432	08/17/1993	Matsen, III et al.	606	88	
CI	5,240,011	08/31/1993	Assa	128	751	
CJ	5,251,127	10/05/1993	Raab	364	413.13	
CK	5,257,203	10/26/1993	Riley et al.	364	474.05	
CL	5,261,404	11/16/1993	Mick et al.	128	653.1	
CM	5,271,384	12/21/1993	McEwen et al.	128	20	
CN	5,280,427	01/18/1994	Magnusson et al.	364	413.01	
CO	5,289,273	02/22/2994	Lang	348	121	
CP	5,299,288	03/29/1994	Glassman et al.	395	80	
CQ	5,313,306	05/17/1994	Kuban et al.	348	65	
CR	5,343,391	08/30/1994	Mushabac	364	413.28	
CS	5,368,015	11/29/1994	Wilk	128	4	
CT	5,368,428	11/29/1994	Hussey et al.	414	1	
CU	5,371,536	12/06/1994	Yamaguchi	348	169	
CV	5,377,310	12/27/1994	Jain et al.	395	95	

RECEIVED SEP 17 1999 GROUP 1941 SEP 9 1999 PATENT & TRADEMARK OFFICE

all cked

#21

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 0287S-004820US Applicant: PHILIP S. GREEN Filing Date: September 9, 1996		Application No.: 08/709,930 Group: 1941	
SM6 CW	5,377,683	01/03/1995	Barken	128	660.03	
SM6 CX	5,382,885	01/17/1995	Salcudean et al.	318	568.11	
SM6 CY	5,398,685	03/21/1995	Wilk et al.	128	653.1	
SM6 CZ	5,417,210	05/23/1995	Funda et al.	128	653.1	
SM6 DA	5,445,166	08/29/1995	Taylor	128	897	
SM6 DB	5,515,478	05/07/1996	Wang	395	86	
SM6 DC	5,553,198	09/03/1996	Wang et al.	395	80	
SM6 DD	5,571,110	11/05/1996	Matsen, III et al.	606	88	
SM6 DE	5,572,999	11/12/1996	Funda et al.	128	653.1	
SM6 DF	5,630,431	05/20/1997	Taylor	128	697	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SM6 DG	Bergamasco et al., "Advanced interfaces for teleoperated biomedical robots" *IEEE Engineering in Medicine and Biology Society 11th Annual International Conference,* (1989) pp. 0912-0913.
SM6 DH	Besant et al., "Camera control for laparoscopic surgery by speech-recognizing robot: Constant attention and better use of personnel" *3rd World Congress of Endoscopic Surgery*, (June 1992) Session CL25/1-5 and Session 15/1-5.
SM6 DI	Bowersox et al., "Vascular applications of telepresence surgery: Initial feasibility studies in swine" *Journal of Vascular Surgery* (1996) Vol. 23, No. 2, pp. 281-287.
SM6 DJ	Charles, "Design of a surgeon-machine interface for teleoperated microsurgery" *IEEE IEEE Engineering in Medicine and Biology Society 11th Annual International Conference,* (1989) pp. 0883-0884.
SM6 DK	Colgate, "Power and impedance scaling in bilateral manipulation" *Proceedings of 1991 IEEE International Conference on Robotics and Automation* (April 1991) pp. 2292-2297.
SM6 DL	Corcoran, "Robots for the operating room," *The New York Times, Sunday* (July 1992) 4 pages total.
SM6 DM	Das et al., "Kinematic control and visual display of redundant teleoperators," *IEEE* (1989) pp. 1072-1077.
SM6 DN	Davies et al., "A surgeon robot for prostatectomies" *IEEE* (1991) pp. 870-877.
SM6 DO	Dolan et al., "A robot in an operating room: A bull in a china shop?" *IEEE* (1987) pp. 1096-1097.
SM6 DP	Finlay et al., "Controlling the movement of a surgical laparoscope" *IEEE* (May/June 1995) pp. 289-291.
SM6 DQ	Finlay et al., "Results of a feasibility study into applications for advanced medical robots," *National Research Council Canada/Joint Coordinating Forum for the International Advanced Robotics Programme (1988)* pp. 2.1-2.6.
SM6 DR	Flatau, "Compact servo master-slave manipulator with optimized communication links" *Proceedings of 17th conference on remote systems technology* (November 1969) pp. 154-164.
SM6 DS	Funda et al., "Constrained Cartesian motion control for teleoperated surgical robots" *IEEE* (1996) Vol. 12, No. 3, pp. 453-465.

#21

RECEIVED
SEP 1 3 1999
GROUP 2700

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Attorney Docket No.: 0287S-004820US	Application No.: 08/709,938
	Applicant: PHILIP S. GREEN	
	Filing Date: September 9, 1996	Group: 1941

SNB DT	Gayed et al., "An advanced control micromanipulator for surgical applications" *Systems Science* (1987) Vol. 13, No. 1-2, pp. 123-134.
SNB DU	Glauser et al., "Conception of a robot dedicated to neurosurgical operations" *IEEE* (1991) pp. 898-907.
SNB DV	Green et al., "Telepresence Surgery" *IEEE Engineering in Medicine and Biolgy* (May/June 1995) pp. 324-329.
SNB DW	Guinot et al., "Analysis of a robot wrist device for mechanical decoupling of end-effector position and orientation" *Six CISM-IFToMM symposium on theory and practice of robots and manipulators* (September 1986) pp. 42-53.
SNB DX	Hill et al., "Telepresence surgery demonstration system" *IEEE* (1994) pp. 2302-2307.
SNB DY	Holler et al., "An ATM-based local communication system for telesurgery" *Interactive technology and the new paradigm for healthcare* (1995) pp. 137-146.
SNB DZ	Hunter et al., "Manipulation and dynamic mechanical testing of microscopic objects using a tele-micro-robot system" *IEEE Control Systems Magazine* (February 1990) Vol. 10, No. 2, pp. 3-9.
SNB EA	Inoue et al., "Six-axis bilateral control of an articulated slave manipulator using a Cartesian master manipulator" *Advanced Robotics*, (1990) Vol. 4, No. 2, pp. 139-150.
SNB EB	Kavoussi et al., "Telerobotic assisted laparoscopic surgery: Initial laboratory and clinical experience" *Urology* (July 1994) Vol. 44, No. 1, pp. 15-19.
SNB EC	Kazerooni, "Human/robot interaction via the transfer of power and information signals/ Part I: Dynamics and control analysis" *IEEE* (1989) pp. 1632-1640.
SNB ED	Kazerooni, "Human/robot interaction via the transfer of power and information signals/ Part II: An experimental analysis" *IEEE* (1989) pp. 1641-1647.
SNB EE	Kazerooni et al., "The dynamics and control of a haptic interface device" *IEEE Transactions on Robotics and Automation* (August 1994) Vol. 10, No. 4, pp. 453-464.
SNB EF	Majima et al., "On a micro-manipulator for medical application-stability consideration of its bilateral controller" *Mechatronics* (1991) Vol. 1, No. 3, pp. 293-309.
SNB EG	Soto et al., "The safety assessment of human-robot systems (Architectonic principles of hazard-control systems)," *JSME International Journal* (March 1989) Vol. 32, No. 1, pp. 67-74.
SNB EH	Taylor et al., "A telerobotic assistant for laparoscopic surgery," *Computer Science* (February 1994) pp. 1-24.
SNB EI	Taylor et al., "Taming the bull: Safety in a precise surgical robot" *IEEE (1991) pp. 865-873.*
SNB EJ	Tejima et al., "A new microsurgical robot system for corneal transplantation" *Precision Machinery* (1988) Vol. 2, pp. 1-9.
SNB EK	Tendick et al., "Analysis of the surgeon's grasp for telerobotic surgical manipulation" *IEEE Engineering in Medicine and Biology Society 11th Annual International Conference* (1989) pp. 0914-0915.
SNB EL	Thring, "Robots and telechirs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" *Ellis Horwood Series in Engineering Science*, pp. 9-11, Chapter 5: pp. 122-131, Chapter 7: pp. 194-195, Chapter 8: pp. 236-278, Chapter 9: p. 279, 1983.
SNB EM	Trevelyan, "Skills for a shearing robot: Dexterity and sensing" *Robotics Research/Second International Symposium* (1985) pp. 272-282.
SNB EN	Trivedi et al., "Developing telerobotics systems using virtual reality concepts" *IEEE* (July 1993) pp. 352-359.
SNB EO	Vibet, "Properties of master-slave robots," *Motor-Con* (April 1987) pp. 309-316.

EXAMINER [signature] DATE CONSIDERED 9/22/99

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.